Index of Claims

| _ | Application No. | Applicant(s)  |
|---|-----------------|---------------|
|   | 10/630,512      | SURESH ET AL. |
|   | Examiner        | Art Unit      |
|   | Que T. Le       | 2878          |

| √ | Rejected | , | 1 |  |
|---|----------|---|---|--|
| = | Allowed  |   | + |  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Claim  |          | D-4- 1:[     |          |  |              |  |  |          |    |            |            |  |          |     |          |                 |          |          |          | Claim Date |          |         |          |          |                |                 |          |          | $\neg$   |          |          |          |          |
|--|----------|--------------|----------|--|--------------|--|--|----------|----|------------|------------|--|----------|-----|----------|-----------------|----------|----------|----------|------------|----------|---------|----------|----------|----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|
| Cla  | aim      | Date         |          |  |              |  |  |          | ۲_ | Claim Date |            |  |          |     |          |                 | - ::::   |          | laim     | Date       |          |         |          |          |                |                 |          |          |          |          |          |          |          |
| Final  | Original | 3/8/04       |          |  |              |  |  |          |    |            |            | Final  | Original |     |          |                 |          |          |          |            |          |         | Final    | Original |                |                 |          |          |          |          |          |          |          |
|  | 1        | 4            |          |  | $\vdash$     | Г  | <b>†</b> • • • • • • • • • • • • • • • • • • • |          | T  | 十          | <b>⊤</b> ∷ |  | 51       | T   | т        |                 | 寸        |          | T        | $\top$     | $\top$   | 7::::   |          | 101      |                |                 |          | 一        |          |          | $\neg$   |          |          |
|  | 2        | Ħ            | $\vdash$ |  |              |  | $\vdash$                                       |          | t  | T          | 1::        | $\vdash$                                     | 52       | 1   | 1        | 一               | _        | $\neg$   |          | 1          | +        | 1::::   |          | 102      | Г              | $\Box$          |          | ヿ        | $\neg$   | $\neg$   | ヿ        | $\neg$   | -        |
|  | 3        | +            | $\vdash$ |  |              | $\vdash$   | ┢  | <u>├</u> | T  | +-         | 1          | $\vdash$                                     | 53       | +   | T        | $\neg$          | ┪        | _        | _        | $\top$     | $\top$   |         |          | 103      | Т              | $\Box$          |          | _        | 一        |          | 一        | 寸        | $\neg$   |
|  | 4        | H            | H        |  |              | $\vdash$   | ┢  |          | †- | +          | 1          | $\vdash$                                     | 54       | 1   | H        |                 | 一        | _        | $\dashv$ | $\dashv$   |          | 1::::   |          | 104      | $\vdash$       | $\vdash$        | _        |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\neg$   |
|  | 5        | +            | H        |  |              | $\vdash$   | <del> </del>                                   | ┢        | +- | ┿          | ┨          | $\vdash$                                     | 55       | +   | т        | -               | $\dashv$ | $\dashv$ | _        | $\dashv$   |          | 1::::   |          | 105      | ┢              | $\neg$          | _        | _        |          |          | 寸        | 寸        | $\neg$   |
|  | 6        | ╁            | $\vdash$ |  | $\vdash$     | -  | ╁  | -        | ╁  | ╫          | $\dashv$   | -  | 56       | +-  | $\vdash$ | -               | -        | $\dashv$ | +        | +          |          | 1::::   |          | 106      | ┢              | $\vdash$        | $\dashv$ | ᅥ        | _        | -        | $\neg$   | $\dashv$ | $\dashv$ |
| <del> </del>                                     | 7        | _            | ┢        |  | -            | ⊢  | ├  | ╁        | ╁  | ╁          | -          | $\vdash$                                     | 57       | +   | H        |                 | -        | $\dashv$ | ╅        | +          |          | 1::::   |          | 107      | -              | $\vdash$        | $\dashv$ | $\dashv$ | $\neg$   | _        | -        | 1        | $\neg$   |
|  | 8        |              | ┢        |  | -            | -  |  | $\vdash$ | ╁  | ╁          | -          | $\vdash$                                     | 58       | +   | Н        | -               | $\dashv$ | -+       | $\dashv$ | $\dashv$   | +        | 1::::   |          | 108      | -              | H               | -        | -        |          |          | ᅥ        | $\dashv$ | $\neg$   |
|  | 9        | -            | $\vdash$ |  | _            |  | -  | $\vdash$ | ╁  | ╫          | ┨          |  | 59       | +   | H        | $\neg$          | $\dashv$ |          | _        | $\dashv$   | +        | -       |          | 109      | H              | $\vdash$        | _        | $\dashv$ | $\neg$   |          | $\dashv$ | 一        | $\dashv$ |
|  | 10       |              | ┢        |  | -            | -  | ┼╌   | ┢        | ╁  | ╅╴         | Ⅎ∷         | ╟  | 60       | ╁   | $\vdash$ | $\dashv$        | $\dashv$ | -        | -+       | $\dashv$   | +        | -       |          | 110      | ⊢              | Н               | $\dashv$ | -        |          |          | $\dashv$ | $\dashv$ | $\neg$   |
| <b></b>  | 11       | _            | ╁        |  | -            | ⊢  | ├  | ┢        | ╁╌ | ╁          | -          | -  | 61       | ╫   | $\vdash$ | $\dashv$        | $\dashv$ | -+       | -+       | $\dashv$   | +        | -       | _        | 111      | ⊢              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | -+       |          |
|  | 12       | -            | $\vdash$ | $\vdash$   | $\vdash$     |  | $\vdash$                                       | ╁        | ╁  | +          | -          | -  | 62       | ╁   | H        | -               | $\dashv$ | -+       | +        | $\dashv$   | +        | -       |          | 112      | ┢              | $\vdash$        | -        | $\dashv$ | $\dashv$ |          | $\dashv$ | -        | $\dashv$ |
| <u> </u>   | 13       | H            | ┼        | <del>                                     </del> |              | <del>  -  </del>                                 | $\vdash$                                       | $\vdash$ | ╁  | +          | ╢          | -  | 63       | +   | Н        | $\dashv$        | -+       | +        | ╅        | +          | +        | 1       |          | 113      | $\vdash$       | $\vdash$        |          |          | $\dashv$ |          | +        | +        | ᅱ        |
| <del> </del>                                     | 14       | -            | $\vdash$ |  | ⊢            | <del>                                     </del> | ├  | -        | ╁  | +          | -          | -  | 64       | +   | 1-1      | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +          | +        | - :::   |          | 114      | H              | $\vdash$        |          | $\dashv$ |          |          | +        | $\dashv$ | $\dashv$ |
|  | 15       | -            | ┢        | $\vdash$   | -            | $\vdash$   | $\vdash$                                       | $\vdash$ | ╁  | +-         | ┨          | $\vdash$                                     | 65       | +-  | +-       | $\vdash$        |          | $\dashv$ | +        | +          |          | -       |          | 115      | $\vdash$       | $\vdash$        | $\dashv$ |          |          | $\dashv$ | -        |          | $\dashv$ |
|  | 16       | -            | ├        | -  | -            | ├-   | ⊢  | ╁        | ╁  | ╁          | - :::      | <u> —                                   </u> | 66       | +   | ╂-       | $\dashv$        |          |          | $\dashv$ | +          |          | -       | _        | 116      | ├              | $\vdash$        | $\dashv$ | $\dashv$ | -        |          | ┪        | -        | $\neg$   |
|  |          | -            | ├        | $\vdash$   | _            | ⊢  | ⊢  | ├        | ╁  | ┿          | - :::      | ⊩  | 67       | ╁   | 1-       | $\dashv$        |          | $\dashv$ | +        | +          | +        | -{::::: |          | 117      |                | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -        |          | -        | $\dashv$ |
|  | 17       | -            | -        |  | _            | $\vdash$   | ┝  | ⊢        | ╀  | ╁          | - ::       | ⊩  |          | +   |          | $\dashv$        |          | -+       | +        | +          | +        | -{::::: |          | 118      | -              | Н               | $\dashv$ | $\dashv$ | -        | -        | -        | $\dashv$ | $\dashv$ |
| <del> </del>                                     | 18       | -            | ├        |  | _            |  |  | ╆        | ╀  | +-         | -          | -  | 68<br>69 | +   | ┼        | $\dashv$        |          | +        | +        | +          | +        | -       |          | 119      | ├              | $\vdash$        | $\dashv$ | -        | $\dashv$ |          |          | -        |          |
| <u> </u>   | 19       | $\vdash$     | $\vdash$ |  | _            |  | ├  | ├        | ╀  | ╄          | - :::      | ⊩  | 70       | ┼   | ┼        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   |          | -       |          | 120      | ┢              | $\vdash$        | $\dashv$ | -        | $\dashv$ | -        |          |          | $\dashv$ |
|  | 20       | _            | -        | -  | -            | ┢  | ╁  | -        | ╀  | +          | -          | <b>—</b>                                     | 71       | ╫   | ┼        |                 | $\dashv$ | $\dashv$ | +        | -+         | +        | -{::::  |          | 121      | ┢              | $\vdash$        | ᅱ        | -        | -        | -        |          | -        | $\dashv$ |
|  | 21<br>22 |              | ⊢        |  | -            | ┢  | ├  | ₩        | ╀  | ╁          | -          |  | 72       | ╫   | $\vdash$ | $\dashv$        | $\dashv$ | +        | +        | -          | -        | -       |          | 122      | ├              | $\vdash$        | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  |          | ⊢            | ├        | _  | -            | ┢  | ┢  | $\vdash$ | ╀  | ╁          | - :::      |  | 73       | +-  | $\vdash$ | $\dashv$        | $\dashv$ |          | $\dashv$ | -+         |          | ┨᠁      |          | 123      | -              | ├─┤             | -        | $\dashv$ | -        |          | ᅱ        | $\dashv$ | $\dashv$ |
| ⊢  | 23       | H            | ⊢        | _  | ┝            | ├  | ┢  | $\vdash$ | ╀  | ╁          | -          | <u> </u>                                     | 74       | +   | $\vdash$ | $\dashv$        | $\dashv$ | -        | +        | -          |          | -       |          | 124      |                | $\vdash$        | $\dashv$ | -        | $\dashv$ |          | $\dashv$ | -        | ᅱ        |
|  | 24<br>25 | $\vdash$     | ⊢        |  | -            |  | ┢  | ┢        | ╀  | +          | - :::      | -  | 75       | +   | +        | $\dashv$        | -        | $\dashv$ | ╛        | +          | +        | -       |          | 125      | ⊢              | H               | -        |          | $\dashv$ |          | $\dashv$ | -        | ᅱ        |
|  |          | ⊢            | $\vdash$ | -  | ⊢            |  | ┢  | ┢        | ╀  | +-         | -          | }  | 76       | +-  | ╁        | $\dashv$        | $\dashv$ | -        | -+       | +          | +        | -       |          | 126      | ⊢              | $\vdash$        |          |          | $\dashv$ | Н        | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>   | 26       | <del> </del> | ┝        |  | -            | ├-   | ⊢  | ┢        | ╀  | +          | - :::      | ⊩  | 77       | +-  | $\vdash$ | $\dashv$        | -        | $\dashv$ | -        | $\dashv$   |          | -       |          | 127      | -              |                 |          |          | $\dashv$ | $\vdash$ | $\dashv$ | -        | _        |
|  | 27<br>28 | ⊢            | ╁        |  | ⊢            | ├—   | ┝  | $\vdash$ | ╁  | +          | -          | }—   | 78       | ╁╌  | +        | $\dashv$        | $\dashv$ | $\dashv$ | -+       | +          | +        | -       |          | 128      | $\vdash$       | $\vdash$        | $\dashv$ |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  |          | $\vdash$     | ├        | -  | -            | ├  | ┢  | -        | ╀  | ┿          | -          | ⊩  | 79       | +   | +        | $\dashv$        | $\dashv$ | -        | -        | +          |          | -       |          | 129      | ├              | Н               |          | $\dashv$ |          | -        | -        | $\dashv$ | -        |
| ├─   | 29<br>30 | $\vdash$     | -        | _  | -            | ├  | ┢  | $\vdash$ | ╀  | ┿          | -          | -  | 80       | +   | $\vdash$ | $\dashv$        | $\dashv$ | -        | $\dashv$ | +          | $\dashv$ | -       |          | 130      |                | $\vdash$        | $\dashv$ | $\dashv$ |          |          |          | $\dashv$ | _        |
| <u> </u>   |          | ├            | -        | -  | -            | -  | ┢  | -        | ╀  | +          | -          |  | 81       | +   | +        | $\dashv$        | $\dashv$ | -        | $\dashv$ | +          |          | -       |          | 131      | -              | $\vdash$        |          | $\dashv$ |          |          | $\dashv$ | $\dashv$ | -        |
| -  | 31<br>32 | -            | ├        | -  | $\vdash$     | ⊢  | ┝  | $\vdash$ | ╀  | ╁          | -          | <u> </u>                                     | 82       | ┿   | +        | $\dashv$        | $\dashv$ | $\dashv$ | ┰        | +          |          | -Hiiii  |          | 132      |                | $\vdash$        | $\dashv$ | -        |          |          | -        | $\dashv$ | -        |
| <u> </u>   | 33       | ┝            | -        |  | ⊢            | ⊢  | ├  | ├        | ╀  | ╁          | -          |  | 83       | +   | ╁        | $\dashv$        | -        |          | -+       | +          | +        | -       | -        | 133      | ⊢              | $\vdash$        |          | -        | $\dashv$ |          | $\dashv$ | -        | _        |
| ├─   |          | -            | $\vdash$ | -  |              | ⊢  | ⊢  | ├        | ╀  | ┿          | - :::      | ⊩  | 84       | -   | -        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +          | +-       | -1:::   |          | 134      | -              | $\vdash$        | $\dashv$ | $\dashv$ | -        |          |          | $\dashv$ |          |
| <u> </u>   | 34       | H            | ⊢        |  | ├            | ⊢  | ├-   |          | ╀  | ╁          | -          | -  | 85       | +-  | +        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +          | -        | - :::   |          | 135      | -              | $\vdash$        | ┥        | -        | $\dashv$ | -        | ᅱ        | -        | _        |
| <u> </u>   | 35       | $\vdash$     | $\vdash$ | -  | $\vdash$     | $\vdash$   | +  | $\vdash$ | +  | +          | -          |  |          | +   | +        | -               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | +        | -       |          | 136      | $\vdash$       | $\vdash$        |          | $\dashv$ | $\dashv$ | -        |          | $\dashv$ | _        |
| <del>                                     </del> | 36       | $\vdash$     | -        | -  | $\vdash$     | $\vdash$   | $\vdash$                                       | ╀        | +  | ╁          | -          | -  | 86       | +   | -        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   |          | -       |          | 136      | ├-             | $\vdash \dashv$ |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>   | 37       | -            | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$   | 1  | ╀        | ╀  | ╁          | - :::      | <del> </del>                                 | 87       | ╁   | $\vdash$ |                 |          | $\dashv$ | $\dashv$ | +          |          | -       |          | 138      | <del>  -</del> | ⊢               |          | -        | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ |
| <u> </u>   | 38       | -            | -        | _  | -            | $\vdash$   | -  | -        | ╀  | +          | - :::      | -  | 88       | +   | $\vdash$ | $\vdash$        | $\dashv$ | -        | $\dashv$ | +          | +        | -       |          | 139      | $\vdash$       |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ |          |
| ├  | 39       | -            | -        |  | ⊢            | -  | -  | +-       | ╀  | +          | - ::       | <u> </u>                                     | 89<br>90 | +-  | +-       | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\dashv$   | +        | -       |          | 140      | ┢              | $\vdash$        | $\dashv$ | -        | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>   | 40       | -            | ├        | H  |              | ├-   | $\vdash$                                       | ₩        | ╀  | +          | -          | -  |          | +   | -        | $\vdash \vdash$ |          |          | $\dashv$ | +          | +        | -       |          | 141      | ├              |                 | $\dashv$ | $\dashv$ |          |          |          | $\dashv$ | _        |
| <u> </u>   | 41       | -            | -        | -  | -            | $\vdash$   | $\vdash$                                       | $\vdash$ | +  | +          | -          | :├—  | 91       | +   | +-       | $\vdash \vdash$ |          | -+       | +        | +          |          | -       |          | 141      | $\vdash$       |                 | $\dashv$ |          | $\dashv$ | -        | $\dashv$ | $\dashv$ | —        |
| <b></b>  | 42<br>43 | ⊢            | -        |  | $\vdash$     | -  | +-   | ╁        | +  | +          | -          |  | 92       | +   | $\vdash$ | $\vdash$        | $\dashv$ | -        | +        | +          | +        | -       | -        | 142      | ⊢              | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | _        |
|  | 44       | $\vdash$     | ├-       | -  | $\vdash$     | ⊢  | $\vdash$                                       | +        | +  | +-         | -          | ⊩  | 94       | +-  | $\vdash$ | $\vdash$        | $\dashv$ | -        | -+       | +          | +        | -       | -        | 144      | $\vdash$       | $\vdash \vdash$ | $\dashv$ | -        | -        | $\vdash$ | $\dashv$ |          | _        |
| <u> </u>   | 45       | -            | -        | $\vdash$   | $\vdash$     | ╁  | $\vdash$                                       | ┼        | ╁  | ╁          | -          | }—   | 95       |     | $\vdash$ |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   |          | -       | -        | 145      | ╁              | $\vdash \vdash$ | -        |          | $\dashv$ | $\dashv$ |          |          | _        |
| <u> </u>   | 46       | ⊢            | $\vdash$ | -  | <del> </del> | ╁一   | $\vdash$                                       | $\vdash$ | ╁  | +          | -          | -  | 96       | +   | +-       | $\vdash$        |          | $\dashv$ | $\dashv$ | $\dashv$   | +-       | -       | -        | 146      | ├-             | $\vdash$        | $\dashv$ | -        | -        | $\vdash$ | $\dashv$ | -        | _        |
| <u> </u>   | 47       | $\vdash$     | +-       | -  | $\vdash$     | ╁  | ┼  | ╀        | ╁  | +-         | - :::      | <del> </del>                                 | 97       | +   | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   |          | -       |          | 147      | $\vdash$       | ┤┤              | -        | _        |          |          | $\dashv$ | $\dashv$ | _        |
|  | 48       | $\vdash$     | $\vdash$ | $\vdash$   | ├            | ├  | $\vdash$                                       | +-       | ╁  | +          | - :::      | -  | 98       | +   | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | +        | -       | -        | 148      | $\vdash$       | $\vdash \vdash$ |          | -        | $\dashv$ |          | $\dashv$ | $\dashv$ | _        |
| <u> </u>   | 49       | -            | +        | -  | $\vdash$     | $\vdash$   | $\vdash$                                       | +-       | ╁  | +          | -          | 1  | 99       |     | $\vdash$ |                 | $\dashv$ | +        | $\dashv$ | +          | +        | -       | $\vdash$ | 149      | <del> </del>   | $\vdash$        |          |          | $\dashv$ | $\vdash$ | $\dashv$ | -        | $\dashv$ |
| <del></del>                                      | 50       | $\vdash$     | $\vdash$ | $\vdash$   | ⊢            | ╁╌   | $\vdash$                                       | +-       | ╁  | +          | -          | -  | 100      | +   |          | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   |          | -       |          | 150      | $\vdash$       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ |
| 1  |          |              | 1        |  |              |  | 1  | 1        | 1  | 1          | _1::::     | :1   | 1100     | .1_ | 1        | · I             | - 1      | - 1      | 1        | - 1        | 1_       | _1::::: | 1_       | 1 .00    | 1              |                 | - 1      |          |          |          |          |          | ,        |